

STATEMENT OF WORK
Villas' Structural Assessment
And Repair Report
PROPERTY OBO-293
Presidential Villas
USA EMBASSY KHARTOUM, SUDAN

1. Description of Services: Description of Services:

The US Embassy, Khartoum has a requirement to hire a qualified Consultant to assess the structural soundness of the forty residential units and the clubhouse at the Presidential Villas, a leased residential compound, known as OBO # 293 in Shatti neighborhood, Khartoum, and, if needed, suggest corrective actions to resolve the structural problems.

The Contractor shall provide all labor, materials, tools, equipment, supervision, and geotechnical investigation reports and other related items required to complete the project as per scope of work, specifications and attached drawings.

While carrying out the investigation, the consultant is responsible for the protection of existing structures, utilities and vegetation. Workers shall stay within the site area. Any damage shall be repaired at the contractors' expense.

Interested bidders are advised to visit the site, verify the existing site conditions to develop their proposal.

2. Background:

The Presidential villas compound was built in early 2000s. It is composed of 40 villas and a central recreational area. USG leased the units 18 months ago.

3. Description of work:

- 1- The Consultant shall evaluate the structural integrity of the units of the villas. Each villa is composed of two floors, a roof and a service area basement. The house is surrounded with green area. More details about the units are shown in the attached diagrams.
- 2- The report shall be based on the investigation works' findings of the three villas at least.
- 3- The Consultant shall carry out the following services:-
 - structural evaluation of the foundations
 - Structural evaluation of the superstructure
 - Check all the utilities and piping routes around and beneath the buildings.

- Identification the type of the cracks and their causes
 - Specification of the necessary remedial measures.
- 4- Upon Completion of the thorough investigation and gathering enough information, the consultant shall submit a detailed report which includes but not limited to the following:-
- The findings of the investigations including life safety concerns and code deficiencies.
 - Suggested Repair methodology and procedures
 - Specifically identify each repair or replacement, including its location and respective cost.
 - Specifications and drawings of the remedial works
 - Bills of quantities and cost estimation for remedial works.
 - Estimated duration of the remedial works.
 - The condition and remaining useful life of the units.
 - Relevant Photographs.

5- Codes/Standards:

All services performed under this call shall be performed in accordance with applicable local and US codes and accepted industry standards.

6- Quality Control:

The Consultant firm is responsible for Quality Control which includes ensuring the technical accuracy, Completeness, and correctness of the inspection report.

7- Deliverables:

A. Report:

All reports must be transmitted in English. The final report shall be submitted to the Contracting officer.

The contractor shall submit three hardcopies (A4 paper) and a softcopy on CD rom

The submittal will be reviewed by the Contracting Officer or his/her representative to evaluate content and adequacy.

8- Performance Period:

It is anticipated that the work for this investigation would start as soon as possible.

Total time performance shall not **exceed 25 days** from NTP

- Site investigation trip NLT 5 days from accepting “ Notice To Proceed”
- Submission of report NLT 10 days from Investigation Initiation. *The USG reserves the right to impose a 5% daily base fee reduction as penalty for each day the draft report is late.*
- Embassy technical review and comment NLT 5 days from submission of report
- Resubmission, if applicable, NLT 5 days from review and comment

Note: days are calendar days

9- Payment

Payment will be made following delivery and **after** the approval of the reports.